



**AMENDMENTS TO THE CLAIMS  
PURSUANT TO REVISED 37 CFR § 1.121**

The following is a listing of claims that replaces all prior versions, and listings, of claims in the application:

Claims 1-4 (Cancelled)

5. (New) The compound: 7-fluoro-1-methyl-3- methylthio-4-quinolone.
6. (New) A method of synthesizing 7-fluoro-1-methyl-3- methylthio-4-quinolone, comprising:
  - a) providing: i) 7-fluoro-1-methyl- 3-methylsulfinyl-4-quinolone, and ii) a reducing agent; and
  - b) reacting, in a solvent, said 7- fluoro-1-methyl-3-methylsulfinyl-4-quinolone with said reducing agent under conditions such that 7-fluoro-1-methyl-3-methylthio-4-quinolone is produced.
7. (New) A method of synthesizing (S)-(-)-7-fluoro-1-methyl- 3-methylsulfinyl-4-quinolone in enantiomeric excess, comprising:
  - a) providing: i) 7-fluoro-1-methyl- 3-methylsulfinyl-4-quinolone, and ii) a reducing agent;
  - b) reacting, in a solvent, said 7- fluoro-1-methyl-3-methylsulfinyl-4-quinolone with said reducing agent under conditions such that 7-fluoro-1-methyl-3-methylthio-4-quinolone is produced; and
  - c) treating said 7-fluoro-1-methyl-3-methylthio-4-quinolone with a camphor based reagent under conditions such that (S)-(-)-7-fluoro-1-methyl-3-methylsulfinyl-4-quinolone is produced in enantiomeric excess.

8. (New) The method, as claimed in claim 7, wherein said camphor based reagent is (1S)-(+)-(10-camphorsulfonyl)oxaziridine.
9. (New) A method of synthesizing (R)-(+)-7-fluoro-1-methyl-3-methylsulfinyl-4-quinolone in enantiomeric excess, comprising:
- a) providing: i) 7-fluoro-1-methyl-3-methylsulfinyl-4-quinolone, and ii) a reducing agent;
  - b) reacting, in a solvent, said 7-fluoro-1-methyl-3-methylsulfinyl-4-quinolone with said reducing agent under conditions such that 7-fluoro-1-methyl-3-methylthio-4-quinolone is produced; and
  - c) treating said 7-fluoro-1-methyl-3-methylthio-4-quinolone with a camphor based reagent under conditions such that (R)-(+)-7-fluoro-1-methyl-3-methylsulfinyl-4-quinolone is produced in enantiomeric excess.
10. (New) The method, as claimed in claim 9, wherein said camphor based reagent is (1R)-(-)-(10-camphorsulfonyl)oxaziridine.